2017 NATIONAL ANIMAL HEALTH MONITORING SYSTEM ANTIMICROBIAL USE STUDIES

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National Animal Health Monitoring System
Hallmarks of a NAHMS National Study

- National in scope
- Collaborative
- Voluntary
- Confidential
- Scientifically based and statistically valid
70% of operations and 70% of animals
2017 Antimicrobial Use Studies
Study Objectives

Describe **antimicrobial use practices** in feed and water.

Estimate the **percentage of operations administering** and the **percentage of animals receiving** specific antimicrobials by reasons for use.

Provide **baseline data** on antimicrobial use practices in 2016 in order to evaluate trends over time.

Describe **antimicrobial stewardship practices** on production sites.
Confidential Information Protection and Statistical Efficiency Act (CIPSEA)
Swine Antimicrobial Use 2017 Participating States

1000+ market pigs in 13 States
Nursery, grower/finisher, and wean-to-finish operations
July 1 through December 31, 2016
Cattle on Feed Antimicrobial Use 2017 Participating States

50+ head of cattle in 22 states

January 1 through December 31, 2016
Antimicrobial Use

- Percent of animals that received each antimicrobial
- Primary reason for use
- Average number of days treated
Antimicrobial Stewardship

- Record keeping
- Quality assurance programs
- Veterinary use
- Decision making
Future Plans

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